



## Environmental modelling for blue collars

---

**Author(s):** Vamanu DV, Gheorghe AV, Acasandrei VT, Vamanu BI  
**Year:** 2011  
**Journal:** International Journal of Environment and Pollution. 46 (4-Mar): 246-266

---

### Abstract:

Model complexity and the "breakpoint of diminishing returns"; 'physical' vs. 'conceptual' modelling; the relevance and limits of the heuristic solutions; screening vs. analytical modelling; perceptions of uncertainties, calibration and sensitivity analysis; and the 'ethics in modeling' - are only a few issues outstanding in the volatile philosophy of the environmental modelling. Glossing on these, the paper attempts to share a few views on possible manners to serve the growing appetite of emergency managers for 'simple' tools of first recourse in crises while also tempering their 'complexity aversion', in an environment of, otherwise, a booming complexity.

**Source:** <http://dx.doi.org/10.1504/ijep.2011.045482>

### Resource Description

#### Communication: ☒

resource focus on research or methods on how to communicate or frame issues on climate change; surveys of attitudes, knowledge, beliefs about climate change

A focus of content

#### Communication Audience: ☒

audience to whom the resource is directed

Public

**Other Communication Audience:** Emergency managers

#### Exposure : ☒

weather or climate related pathway by which climate change affects health

Unspecified Exposure

#### Geographic Feature: ☒

resource focuses on specific type of geography

None or Unspecified

#### Geographic Location: ☒

# Climate Change and Human Health Literature Portal

resource focuses on specific location

Global or Unspecified

## **Health Impact:**

specification of health effect or disease related to climate change exposure

General Health Impact

## **Mitigation/Adaptation:**

mitigation or adaptation strategy is a focus of resource

Adaptation

## **Model/Methodology:**

type of model used or methodology development is a focus of resource

Methodology

## **Resource Type:**

format or standard characteristic of resource

Research Article, Review

## **Timescale:**

time period studied

Time Scale Unspecified